

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-005787**Date Inspected:** 11-Mar-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Chen Chih Ming**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Segments**Summary of Items Observed:**

On this date CALTRANS OSM Quality Assurance (QA) Inspector Dan Hernandez was present during the times noted above for observations relative to the work being performed.

This QA Inspector observed the following work in progress:

Bay 13 OBG Assembly

Segment 2AE

Shielded Metal Arc Welding (SMAW) of weld joint SEG008-021 thru 027 located on Panel Point 16. Welders are identified as 066481, 068918 and 066418. ZPMC QC is identified as Wang Xu. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Shielded Metal Arc Welding (SMAW) of weld joint SEG008-035, 036 located on Panel Point 15. Welders are identified as 068918 and 066418. ZPMC QC is identified as Wang Xu. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Shielded Metal Arc Welding (SMAW) of weld joint SEG008-044 located on Panel Point 14.5. Welder is identified as 066418. ZPMC QC is identified as Wang Xu. The welding variables recorded by QC appeared to comply with the Applicable WPS.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

Shielded Metal Arc Welding (SMAW) of weld joint SEG008-045 thru 047 located on Panel Point 14. Welders are identified as 044801, 066028 and 037840. ZPMC QC is identified as Wang Xu. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Shielded Metal Arc Welding (SMAW) of weld joint SEG008-055 located on Panel Point 13.5. Welder is identified as 037840. ZPMC QC is identified as Wang Xu. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No relevant conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang, 150-0042-2372 , who represents the Office of Structural Materials for your project.

Inspected By:	Hernandez,Dan	Quality Assurance Inspector
Reviewed By:	Carreon,Albert	QA Reviewer
